



14421 County Rd. 10 • Ft. Lupton, Colorado 80621 • (303) 857-9999 • FAX (303) 857-0577 • E-MAIL Permitco 1@aol.com

November 30, 2007

**Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801
Attn: Minerals**

**Re: Gasco Production Company
Gate Canyon State #12-21-11-15
1793' FNL and 717' FWL
SW NW Section 21, T11S-R15E
Duchesne County, Utah**

Gentlemen:

Enclosed please find one copy of the Application for Permit to Drill, along with one copy of the Onshore Order No. 1 which was filed with the BLM in Vernal, Utah.

If you should need additional information, please don't hesitate to contact me.

Sincerely,

PERMITCO INC.

**Venessa Langmacher
Consultant for
Gasco Production Company**

Enc.

**cc: Gasco Production Company - Englewood, CO
Shawn Elworthy - Myton, UT
Shon McKinnon - Altamont, UT**

RECEIVED

DEC 03 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

1A. TYPE OF WORK: DRILL <input type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		5. MINERAL LEASE NO.: ML-49308	6. SURFACE: State
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
2. NAME OF OPERATOR: Gasco Production Company		8. UNIT or CA AGREEMENT NAME: Gate Canyon	
3. ADDRESS OF OPERATOR: 8 Inverness Drive East, Suite 100, Englewood, CO 80112		9. WELL NAME AND NUMBER: Gate Canyon State #12-21-11-15	
4. LOCATION OF WELL (FOOTAGES) 564546x 44106134 39.84477 AT SURFACE: 1793' FNL and 717' FWL -110,24560 AT PROPOSED PRODUCING ZONE: SW NW		10. FIELD AND POOL, OR WILDCAT: Wildcat Gate Canyon 792	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 29 miles South of Myton, UT		11. QTR/QTR, SECTION, TOWNSHIP, RANGE MERIDIAN: Section 21, T11S-R15E	
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): 717'		12. COUNTY: Duchesne	13. STATE: UT
16. NUMBER OF ACRES IN LEASE: 1560		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40 acres: SW NW	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): None		20. BOND DESCRIPTION: Statewide Bond No. 4127763	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6688' GL		22. APPROXIMATE DATE WORK WILL START: Upon Approval	
		23. ESTIMATED DURATION: 35 Days	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
17-1/2"	13-3/7", H40, 48#	160'	200 sx Class H, 15.6 ppg, yield 1.18
12-1/4"	9-5/8", J-55, 36#	2,900'	405 sx Hi-Fill, 11 ppg, yield 3.91 + 160 sx RFC cmt, 14.2 ppg, yield 1.63
7-7/8"	4-1/2", P110, 13.5#	11,300'	1370 sx 65-35 Poz, 13.0 ppg, yield 1.74 + 1200 sx 50-50 Poz, 14.1 ppg, yield 1.28

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- | | |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

AGENT: PermitCo Inc., 14421 County Road 10, Fort Lupton, CO 80621

AGENT'S PHONE NO.: 303/857-9999

NAME (PLEASE PRINT) Venessa Langmacher

TITLE Agent for Gasco Production Company

SIGNATURE *Venessa Langmacher*

DATE November 30, 2007

(This space for State use only)

API NUMBER ASSIGNED: 43013-33858

Approved by the
Utah Division of
Oil, Gas and Mining

RECEIVED

DEC 03 2007

DIV. OF OIL, GAS & MINING

Date: 02-31-08
By: *[Signature]*

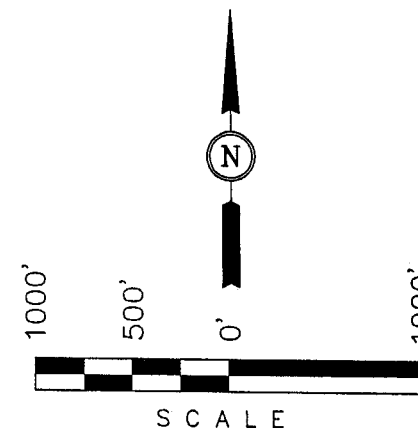
T11S, R15E, S.L.B.&M.

GASCO PRODUCTION COMPANY

Well Location, GATE CANYON STATE
#12-21-11-15, located as shown in the SW
1/4 NW 1/4 of Section 21, T11S, R15E,
S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

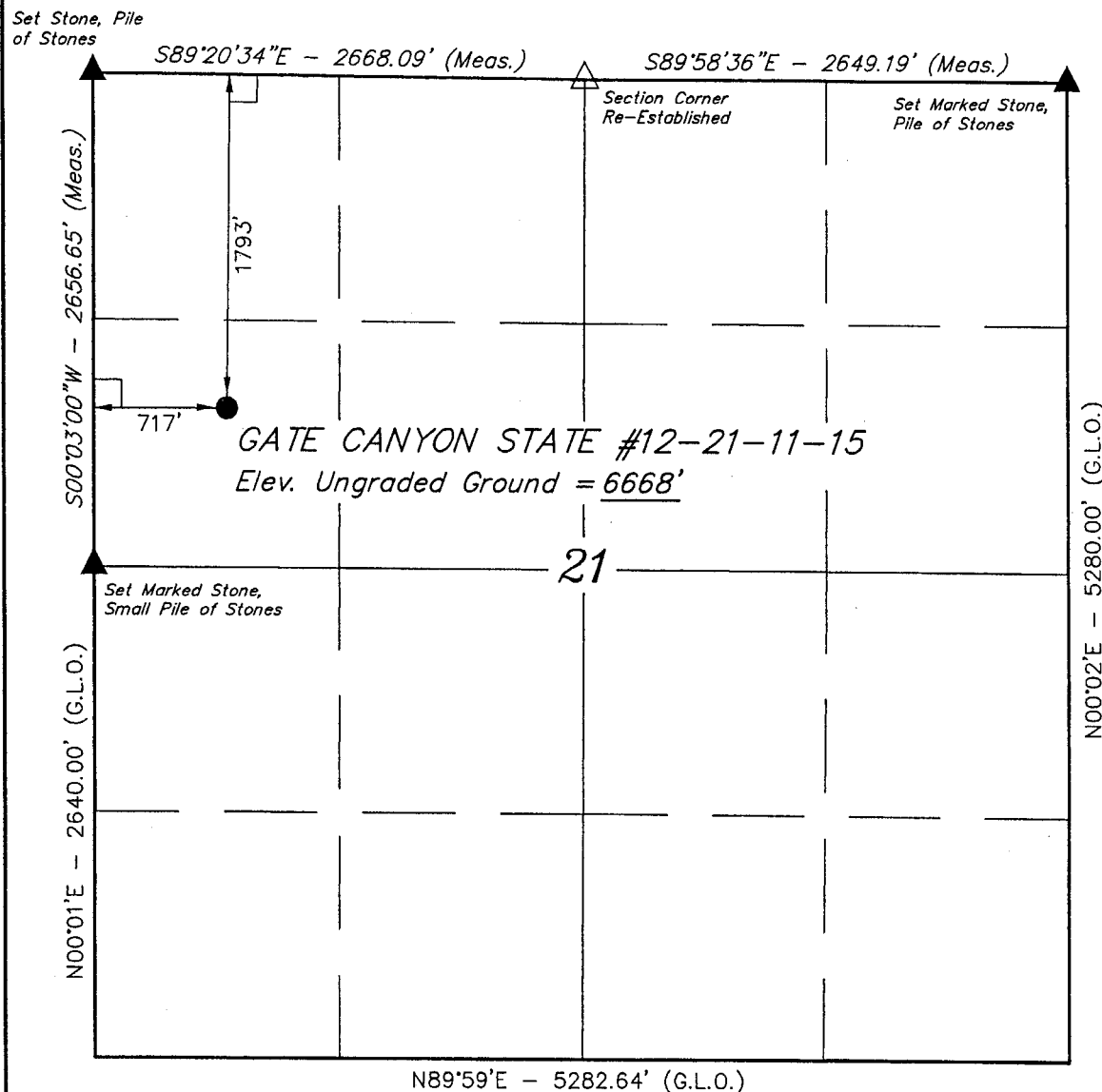
TRIANGULATION STATION (NINE) LOCATED IN THE
SW 1/4 SW 1/4 OF SECTION 1, T12S, R15E, S.L.B.&M.
TAKEN FROM THE COWBOY BENCH, QUADRANGLE, UTAH,
7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED
BY THE UNITED STATES DEPARTMENT OF THE INTERIOR,
GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS
BEING 6845 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

[Signature]
REGISTERED LAND SURVEYOR
REGISTRATION NO. 18139
STATE OF UTAH



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. USING BEARING TREES

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(AUTONOMOUS NAD 83)

LATITUDE = 39°50'42.04" (39.845011)

LONGITUDE = 110°14'47.13" (110.246425)

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 6-29-04	DATE DRAWN: 7-6-04
PARTY D.K. L.K. K.G.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE GASCO PRODUCTION COMPANY	

Gate Canyon State #12-21-11-15
1793' FNL and 717' FWL
SW NW Section 21, T11S - R15E
Duchesne County, Utah

Prepared For:

Gasco Production Company

By:

PERMITCO INC.
14421 County Road 10
Fort Lupton, CO 80621
303/857-9999

Copies Sent To:

- 2 - Utah Division of Oil, Gas & Mining - SLC, UT
- 1 - Utah Division of Oil, Gas & Mining - Roosevelt, UT
- 2 - Gasco Production Company - Englewood, CO



The proposed wellsite is located on State Surface/State Minerals.

1. Estimated Tops/Geologic Markers

The estimated tops of important geologic markers are as follows:

<i>Formation</i>	<i>Depth</i>	<i>Subsea</i>
Green River	Surface	+6,660'
Wasatch	3,265'	+3,410'
Mesaverde	5,985'	+690'
Castlegate	9,895'	-3,220'
Blackhawk	10,175'	-3,500'
Panther	10,995'	-4,320'
T.D.	11,300'	-4,625'

2. Estimated Depths and Names of Anticipated Water, Oil, Gas or Other Minerals Bearing Formations.

<i>Substance</i>	<i>Formation</i>	<i>Depth</i>
Gas	Wasatch	3,500'-5,985'
Gas	Mesa Verde	5,985'-9,895'
Gas	Blackhawk	10,175'-10,900'

3. Well Control Equipment & Testing Procedures



Gasco Production Company's minimum specifications for pressure control equipment are as follows:

Ram Type: 11" Hydraulic double, 5000 psi w.p.

Gasco will comply with all requirements pertaining to well control as listed in the Rule R649-3-7 of the Utah Division of Oil, Gas & Mining.

The size and rating of the BOP stack is shown on the attached diagram.

4. Casing Program

The proposed casing program will be as follows:

<i>Purpose</i>	<i>Depth</i>	<i>Hole Size</i>	<i>O.D.</i>	<i>Weight</i>	<i>Grade</i>	<i>Type</i>	<i>New/Used</i>
Surface	0-150' 160'	17-1/2"	13-3/8"	48#	H-40		New
Intermediate	0-2,900'	12-1/4"	9-5/8"	36#	J-55		New
Production	0-11,300'	7-7/8"	4-1/2"	13.5#	P-110	LT&C	New

Casing design subject to revision based on geologic conditions encountered.

5. Cement Program

<i>Surface</i>	<i>Type and Amount</i>
Surface Est. Tip of Cement	200 sxs Class H, 15.6 ppg, yield 1.18
<i>Intermediate</i>	<i>Type and Amount</i>
TOC - Surface	Lead: 405 sxs Hi-Fill @ 11.0 ppg, 3.91 yield Tail: 160 sxs RFC Cement @ 14.2 ppg, 1.63 yield
<i>Production</i>	<i>Type and Amount</i>
TOC - 1,000'	Lead: 1370 sxs 65/35 Poz @ 13.0 ppg, 1.74 yield Tail: 1200 sxs 50/50 Poz @ 14.1 ppg, 1.28 yield



6. Drilling Fluids

The proposed circulating mediums to be employed in drilling are as follows:

Interval	Mud Type	Mud Wt.	Visc.	F/L	PH
0 - 3500'	Water	---	---	---	---
3500' - T.D.	DAP Polymer Mud	9.5-11.0	30-40	15-20	7-9

7. Testing, Logging and Coring

The anticipated type and amount of testing, logging and coring are as follows:

- a. No drill stem tests are anticipated.
- b. The logging program will consist of a Schlumberger Platform Express from Base of Surface Casing to T.D.
- c. No cores are anticipated.

8. Anticipated Pressures and H₂S

- a. No H₂S is expected. The maximum anticipated bottom hole pressure is 6463 psi.

9. Water Source

- a. All water used for the drilling of this well will be purchased the Nebeker Water Station in Myton, UT. Permit No. 43-1723.

10. Other Information

- a. Drilling is planned to commence upon approval of this application.



- b. It is anticipated that the drilling of this well will take approximately 35 days.
- c. Lining of the reserve pit will be done if deemed necessary by the Utah Division of Oil, Gas and Mining.
- d. At the end of drilling operations the location will be reclaimed and re-seeded as requested by the surface owner.
- e. Surface Ownership

State of Utah



GASCO PRODUCTION COMPANY

GATE CANYON STATE #12-21-11-15

LOCATED IN DUCHESNE COUNTY, UTAH

SECTION 21, T11S, R15E, S.L.B.&M.

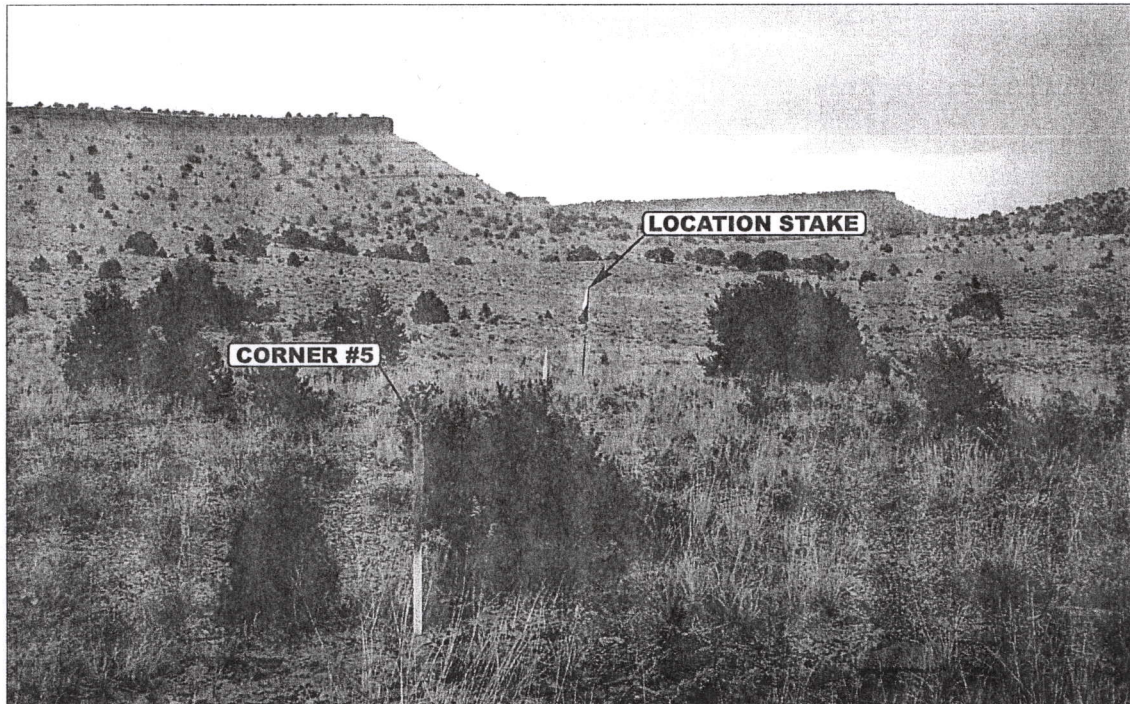


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: EASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

07 09 04
MONTH DAY YEAR

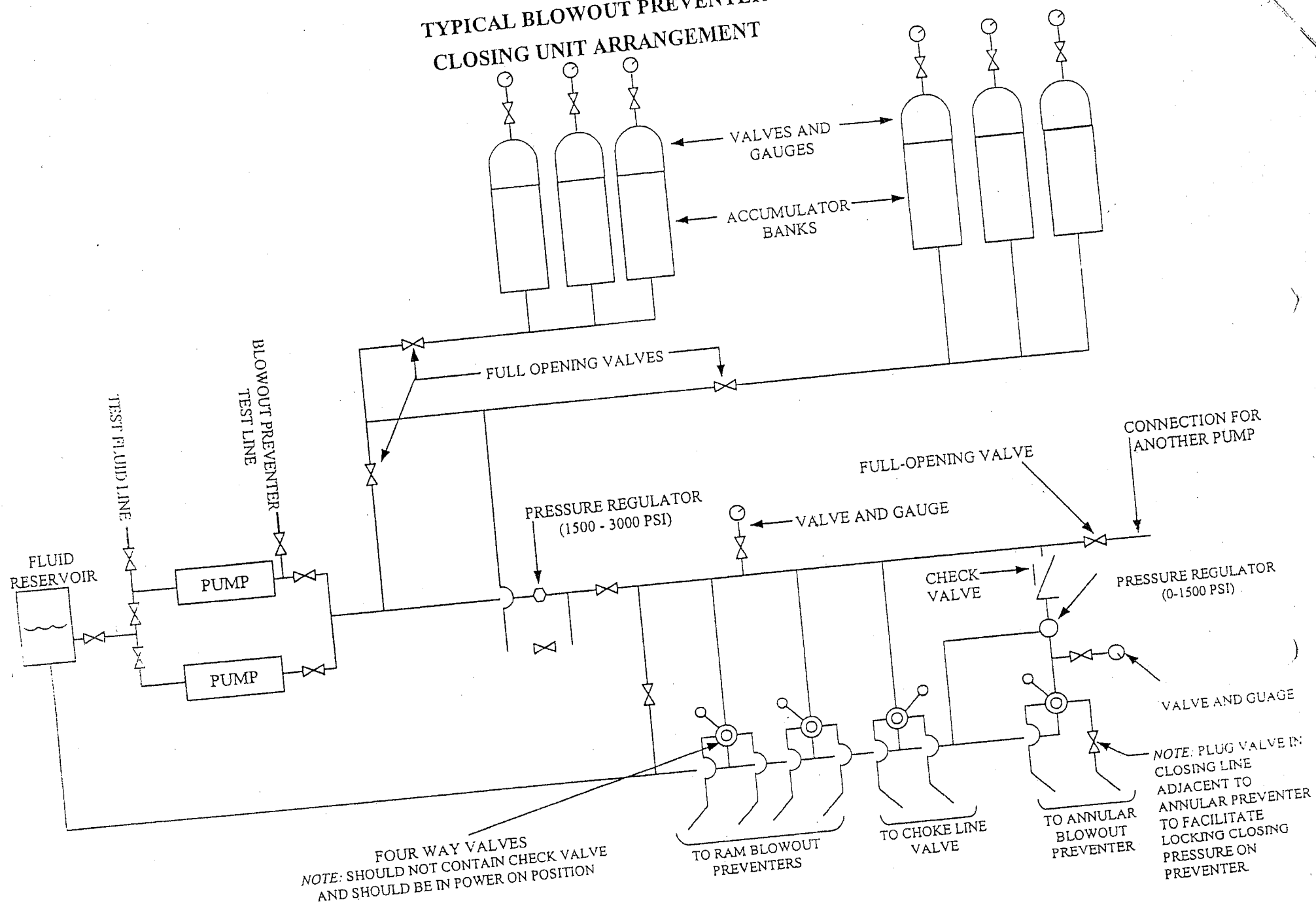
PHOTO

TAKEN BY: D.K.

DRAWN BY: P.M.

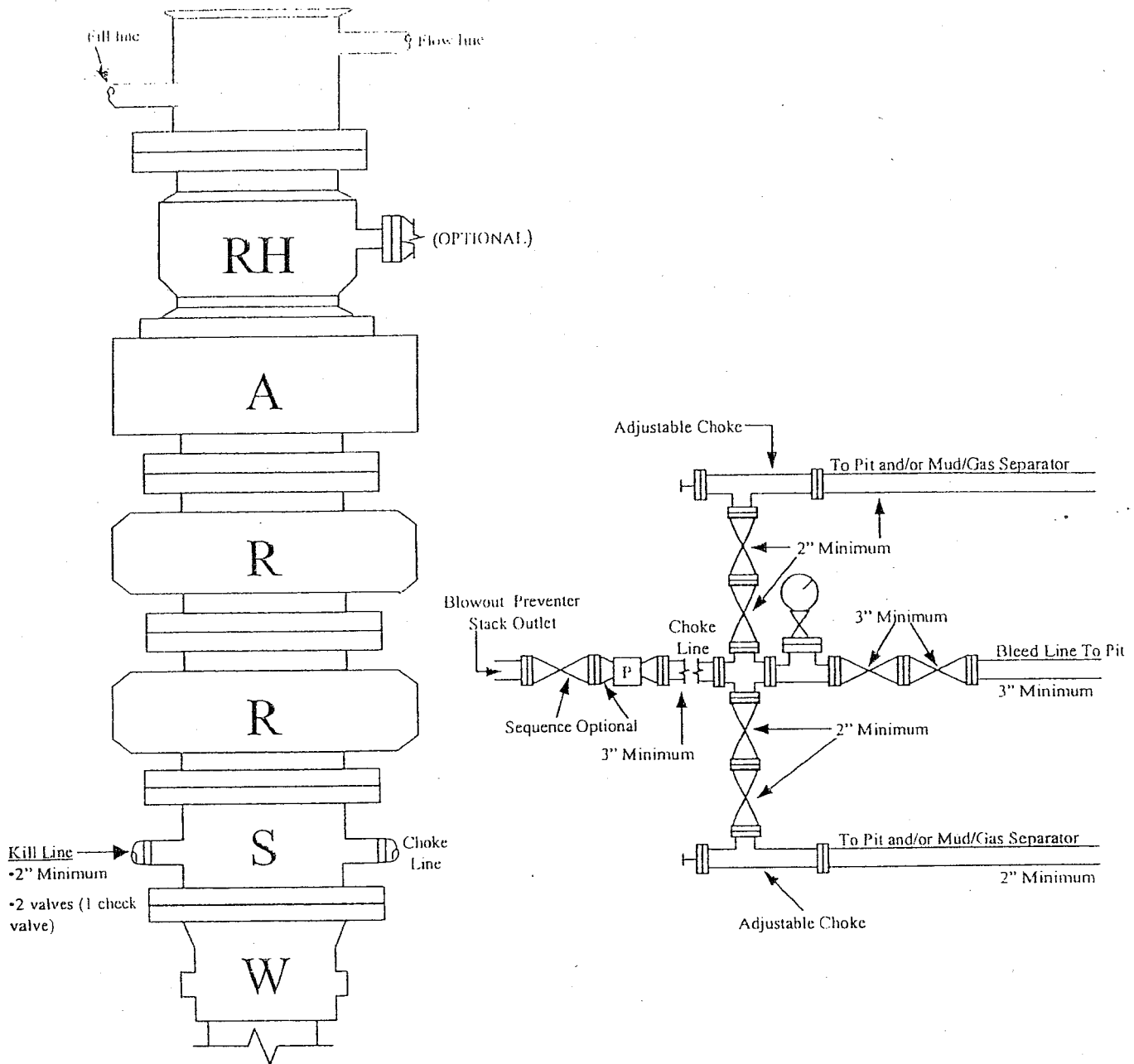
REVISED: 00-00-00

TYPICAL BLOWOUT PREVENTER CLOSING UNIT ARRANGEMENT



DOUBLE RAM TYPE REVERSERS WITH AN OPTIONAL ROTATING HEAD

5000 psi system



* Note: Kill line shall be 2" minimum diameter and have two valves, one of which shall be a check valve. Both valves: 2" minimum.

Minimum BOP Stack

One Pipe Ram

One Blind Ram

One Annular

Well Head

Manifold

5000 psi Working Pressure

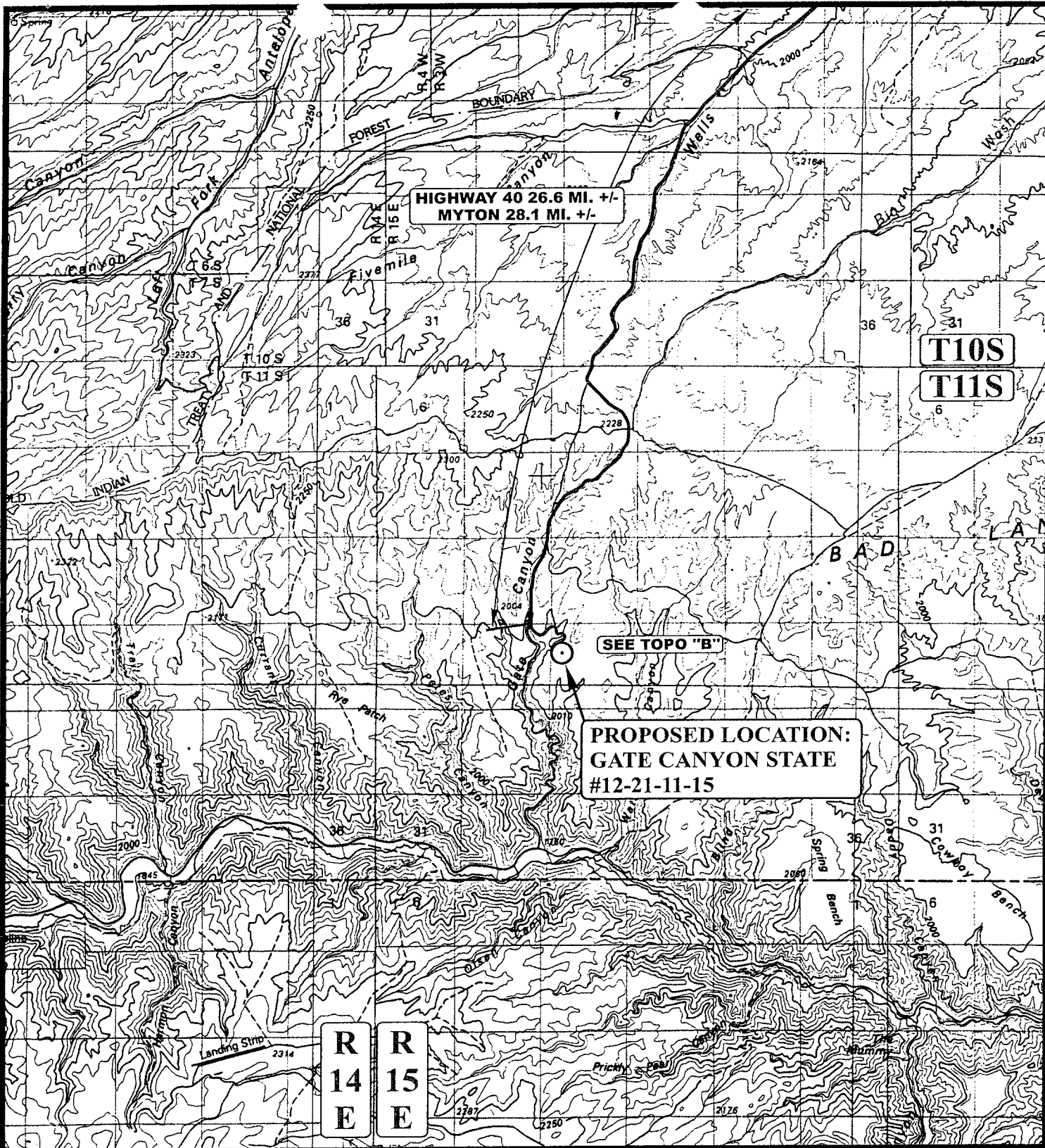
5000 psi Working Pressure

5000 psi Working Pressure

5000 psi Working Pressure

5000 psi Working Pressure

5000 psi Working Pressure



LEGEND:

○ PROPOSED LOCATION

GASCO PRODUCTION COMPANY

GATE CANYON STATE #12-21-11-15
SECTION 21, T11S, R15E, S.L.B.&M.
1793' FNL 717' FWL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC
MAP

07 09 04
 MONTH DAY YEAR

SCALE: 1:100,000 **DRAWN BY: P.M.** **REVISED: 00-00-00**



7194 X

PROPOSED ACCESS 0.2 MI. +/-

R
15
E

B
TOPO

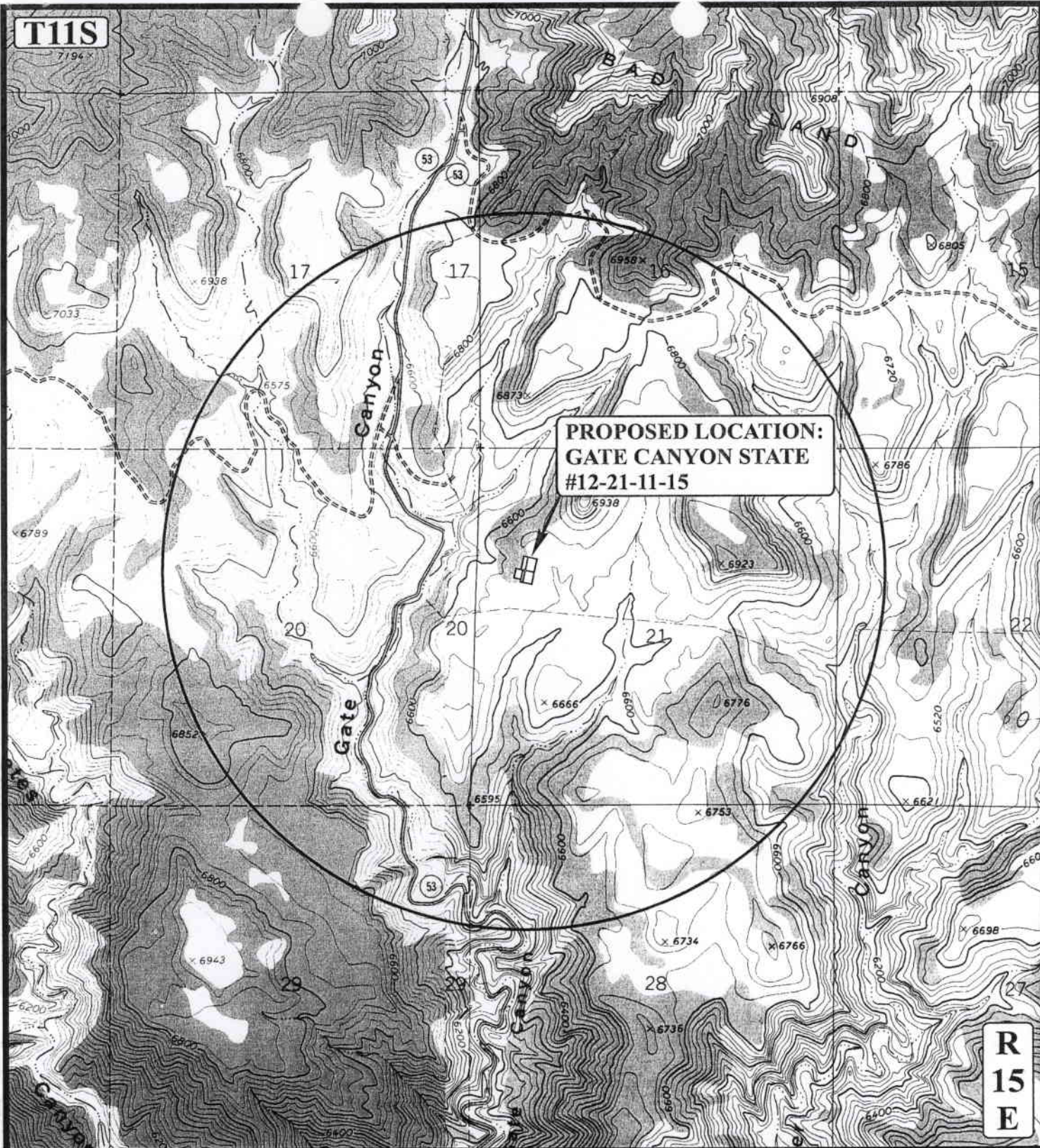
SCALE: 1" = 2000'	DRAWN BY: P.M.	REVISED: 00-00-00
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Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

T11S

7194



**R
15
E**

LEGEND:

- | | |
|-------------------|-------------------------|
| ⊗ DISPOSAL WELLS | ⊗ WATER WELLS |
| ● PRODUCING WELLS | ● ABANDONED WELLS |
| ● SHUT IN WELLS | ● TEMPORARILY ABANDONED |



GASCO PRODUCTION COMPANY

GATE CANYON STATE #12-21-11-15
SECTION 21, T11S, R15E, S.L.B.&M.
1793' FNL 717' FWL



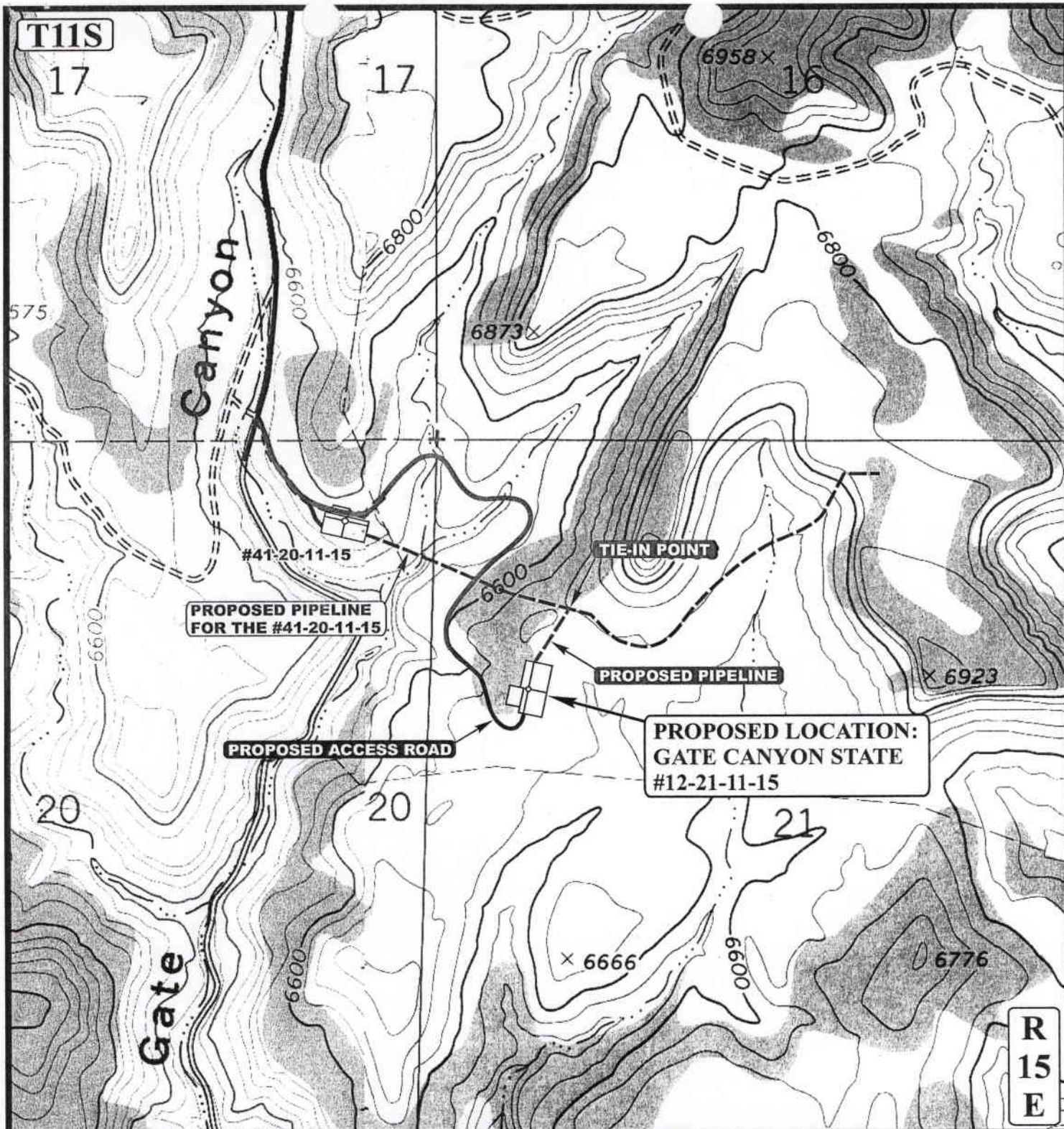
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

07 09 04
MONTH DAY YEAR

SCALE: 1" = 2000' **DRAWN BY: P.M.** **REVISED: 00-00-00**





APPROXIMATE TOTAL PIPELINE DISTANCE = 500' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE



GASCO PRODUCTION COMPANY

GATE CANYON STATE #12-21-11-15
SECTION 21, T11S, R15E, S.L.B.&M.
1793' FNL 717' FWL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

07 **09** **04**
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: P.M. REVISED: 00-00-00



ASCO PRODUCTION COMP. Y

TYPICAL CROSS SECTIONS FOR

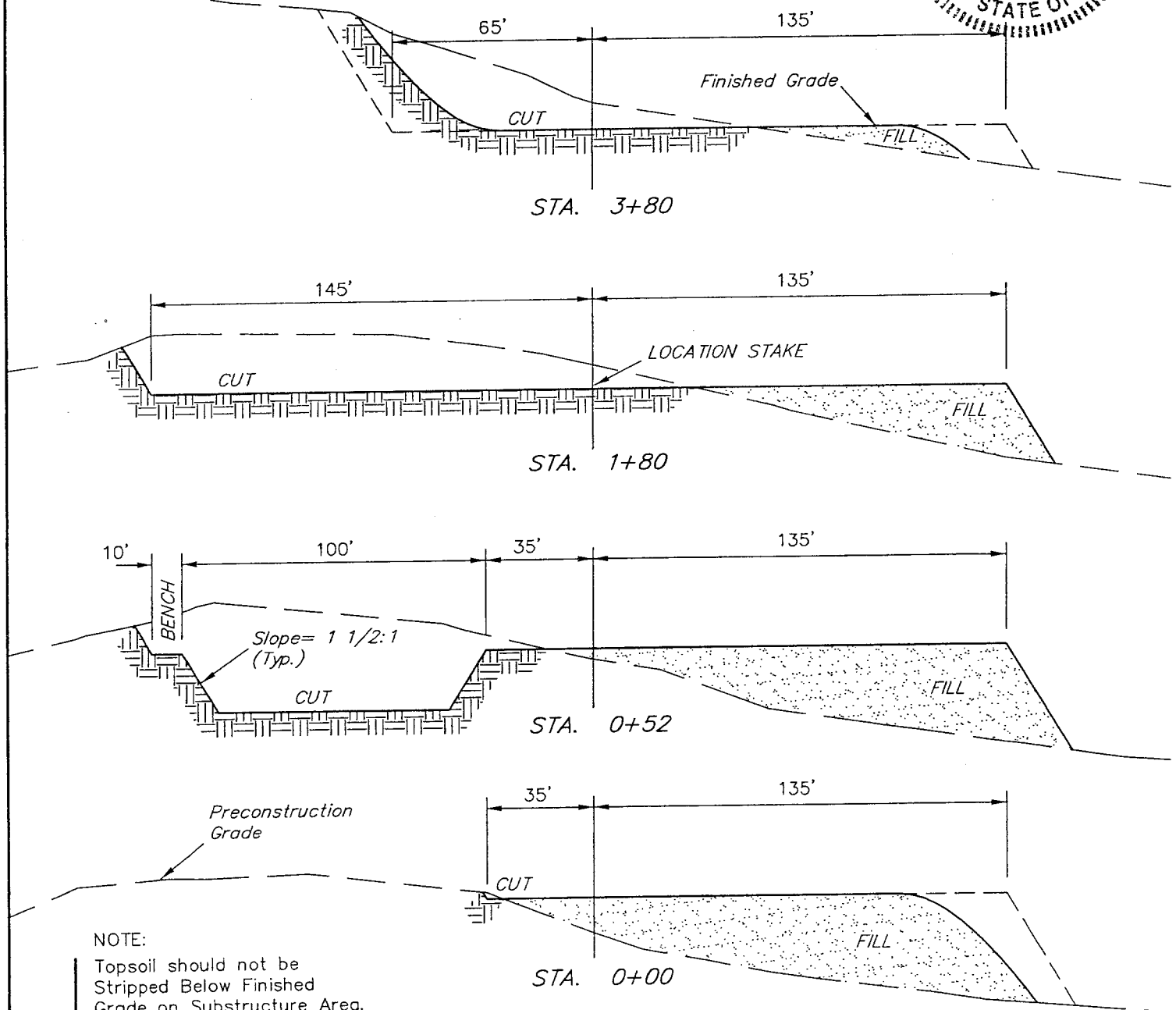
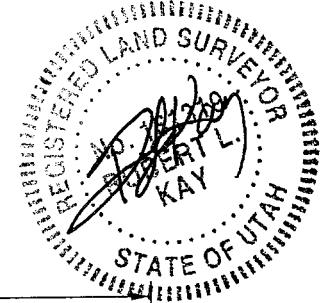
GATE CANYON STATE #12-21-11-15

SECTION 21, T11S, R15E, S.L.B.&M.

1793' FNL 717' FWL

1" = 20'
X-Section
Scale
1" = 50'

DATE: 7-5-04
Drawn By: K.G.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = 1,990 Cu. Yds.

Remaining Location = 12,000 Cu. Yds.

TOTAL CUT = 13,990 CU.YDS.

FILL = 10,440 CU.YDS.

* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

EXCESS MATERIAL = 3,550 Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.) = 3,550 Cu. Yds.

EXCESS UNBALANCE (After Rehabilitation) = 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (801) 789-1017

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/03/2007

API NO. ASSIGNED: 43-013-33858

WELL NAME: GATE CYN ST 12-21-11-15

OPERATOR: GASCO PRODUCTION (N2575)

PHONE NUMBER: 303-857-9999

CONTACT: VENESSA LANGMACHER

PROPOSED LOCATION:

SWNW 21 110S 150E

SURFACE: 1793 FNL 0717 FWL

BOTTOM: 1793 FNL 0717 FWL

COUNTY: DUCHESNE

LATITUDE: 39.84497 LONGITUDE: -110.2456

UTM SURF EASTINGS: 564546 NORTHINGS: 4410613

FIELD NAME: GATE CANYON (792)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DWD	7/29/08
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-49308

SURFACE OWNER: 3 - State

PROPOSED FORMATION: BLKHK

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[] Ind[] Sta[] Fee[]
(No. 04127763)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-1723)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

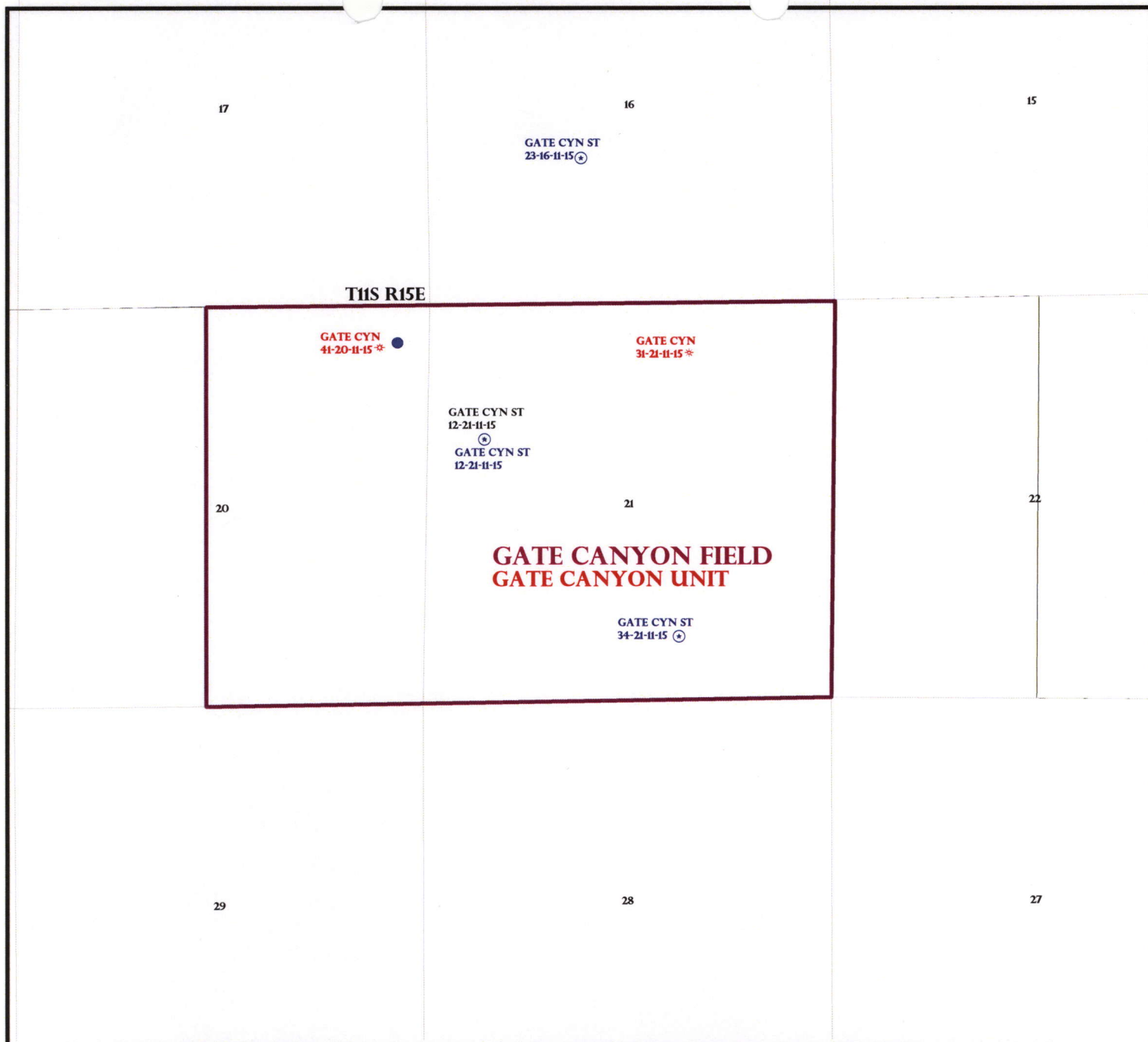
___ R649-2-3.
Unit: GATE CANYON
☒ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
___ R649-3-3. Exception
___ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
___ R649-3-11. Directional Drill

COMMENTS:

Needs Print (03-11-08)

STIPULATIONS:

1- Spacing Strip
2- STATEMENT OF BASIS



OPERATOR: GASCO PROD CO (N2575)

SEC: 21 T.11S R. 15E

FIELD: GATE CANYON (792)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



OIL, GAS & MINING



PREPARED BY: DIANA MASON
DATE: 30-NOVEMBER-2007

Application for Permit to Drill

Statement of Basis

3/20/2008

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
621	43-013-33858-00-00		GW	S	No
Operator	GASCO PRODUCTION COMPANY		Surface Owner-APD		
Well Name	GATE CYN ST 12-21-11-15		Unit	GATE CANYON	
Field	GATE CANYON		Type of Work		
Location	SWNW 21 11S 15E S 1793 FNL 717 FWL GPS Coord (UTM) 564546E 4410613N				

Geologic Statement of Basis

Gasco has proposed 160' of surface casing and 2,900' of intermediate casing at the proposed location. Both are to be cemented to surface. The base of the moderately saline water is estimated to at approximately 4,700'. A search of Division of Water Rights records shows no water wells within a 10,000' radius of the proposed location. The surface formation at this location is the Green River Formation. This area can be considered a recharge area for aquifers in the Green River Formation. The Green River Formation is made up of interbedded sands, limestones and shales. The proposed casing and cementing program should adequately protect the recharge area and any useable sources of ground water.

Brad Hill
APD Evaluator

3/20/2008
Date / Time

Surface Statement of Basis

This location was previously permitted on November 24, 2004 as API Number 43-013-32618 and the same name. No onsite activity occurred and the permit was terminated in November, 2007.

The location is approximately 40 miles straight-line distance southwest of Roosevelt, UT. and 29 road miles southwest of Myton, UT.. Access to the site is by State of Utah and Duchesne and Carbon County highways or roads and oilfield development roads. Approximately 0.7 miles of existing low-standard road will be up-graded and 0.2 miles on new road will be constructed.

The general area is within the Nine Mile drainage of Carbon County on the east end of the Badland Cliffs in the Green River formation. The area is formed by a south sloping escarpment, which has some moderately sloping benches and ridges separated by sometimes-deep draws that form canyons as they approach the Nine Mile bottoms. Drainages are ephemeral except for Gate Canyon approximately ½ mile to the west which has an intermittent flow. No know springs or seeps are in the immediate area.

This specific site is located on the west slope of a ridge, which runs in a north-south direction. The slope is gentle and a somewhat flat area exists to the east of the site. The construction will extend west to near the crest of the ridge. Cut from the west side of the location will be placed to the east to form the pad. The flat area to the east is intersected by a shallow draw, which drains to the south into a deeper draw that becomes a small canyon. The location was laid out so as to miss a small swale to the south. The access road will cross this swale but no diversions are needed. The selected site appears to be a suitable location for constructing a pad, drilling and operating a well and is the best site in the immediate area.

Ben Williams of the Utah Division of Wildlife Resources stated the DWR classifies the area as crucial yearlong range for and deer. Because of it location relative to and in view of the Nine Mile road, he did not recommend any restrictions and stated that no significant impact should occur to any wildlife species from drilling this well. Mr. Williams gave Mr. McKinnon and Mr. Davis copies of his wildlife evaluation.

Jim Davis of SITLA had no concerns regarding the proposal as planed. He told Mr. McKinnon, representing Gasco, that for reclamation requirements involving pit closures, interim reclamation or final reclamation, that

Application for Permit to Drill

Statement of Basis

3/20/2008

Utah Division of Oil, Gas and Mining

Page 2

SITLA should be contacted.

Floyd Bartlett
Onsite Evaluator

3/11/2008
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator GASCO PRODUCTION COMPANY
Well Name GATE CYN ST 12-21-11-15
API Number 43-013-33858-0 **APD No** 621 **Field/Unit** GATE CANYON
Location: 1/4,1/4 SWNW **Sec** 21 **Tw** 11S **Rng** 15E 1793 FNL 717 FWL
GPS Coord (UTM) 564533 4410619 **Surface Owner**

Participants

Floyd Bartlett (DOGM), Shon Mckinnon (GASCO), Ben Williams and Daniel Emmett (UDWR), Jim Davis (SITLA),

Regional/Local Setting & Topography

The location is approximately 40 miles straight-line distance southwest of Roosevelt, UT. and 29 road miles southwest of Myton, UT.. Access to the site is by State of Utah and Duchesne and Carbon County highways or roads and oilfield development roads. Approximately 0.7 miles of existing low-standard road will be up-graded and 0.2 miles on new road will be constructed.

The general area is within the Nine Mile drainage of Carbon County on the east end of the Badland Cliffs in the Green River formation. The area is formed by a south sloping escarpment, which has some moderately sloping benches and ridges separated by sometimes-deep draws that form canyons as they approach the Nine Mile bottoms. Drainages are ephemeral except for Gate Canyon approximately ½ mile to the west which has an intermittent flow. No known springs or seeps are in the immediate area.

This specific site is located on the west slope of a ridge, which runs in a north-south direction. The slope is gentle and a somewhat flat area exists to the east of the site. The construction will extend west to near the crest of the ridge. Cut from the west side of the location will be placed to the east to form the pad. The flat area to the east is intersected by a shallow draw, which drains to the south into a deeper draw that becomes a small canyon. The location was laid out so as to miss a small swale to the south. The access road will cross this swale but no diversions are needed. The selected site appears to be a suitable location for constructing a pad, drilling and operating a well and is the best site in the immediate area.

Both the surface and the minerals are owned by S.I.T.L.A..

Surface Use Plan

Current Surface Use

Grazing
Recreational
Wildlfe Habitat
Deer Winter Range

New Road

Miles	Well Pad		Src Const Material	Surface Formation
0.2	Width 280	Length 380	Onsite	GRRV

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

The area was covered with snow but identified or expected vegetation includes black sage, shadscale, curly mesquite,

slender wheatgrass, cheatgrass, oroom snakeweed and buckwheat.

Deer, elk, antelope, songbirds, chuckars, rodent, raptors, coyote, bobcats, cattle in the winter.

Soil Type and Characteristics

Surface soils are a moderately deep shaley sandy clay loam.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? N Paleo Potential Observed? N Cultural Survey Run? Y Cultural Resources? N

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	300 to 1320	10
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	<10	0
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0
Final Score		25
		1 Sensitivity Level

Characteristics / Requirements

The planned reserve pit is 100' by 140' located within a cut area on the on the southwest side of the location. It is 10 feet deep with a 10-foot wide bench. Stability should not be a problem. A 16 mil liner is required.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

Other Observations / Comments

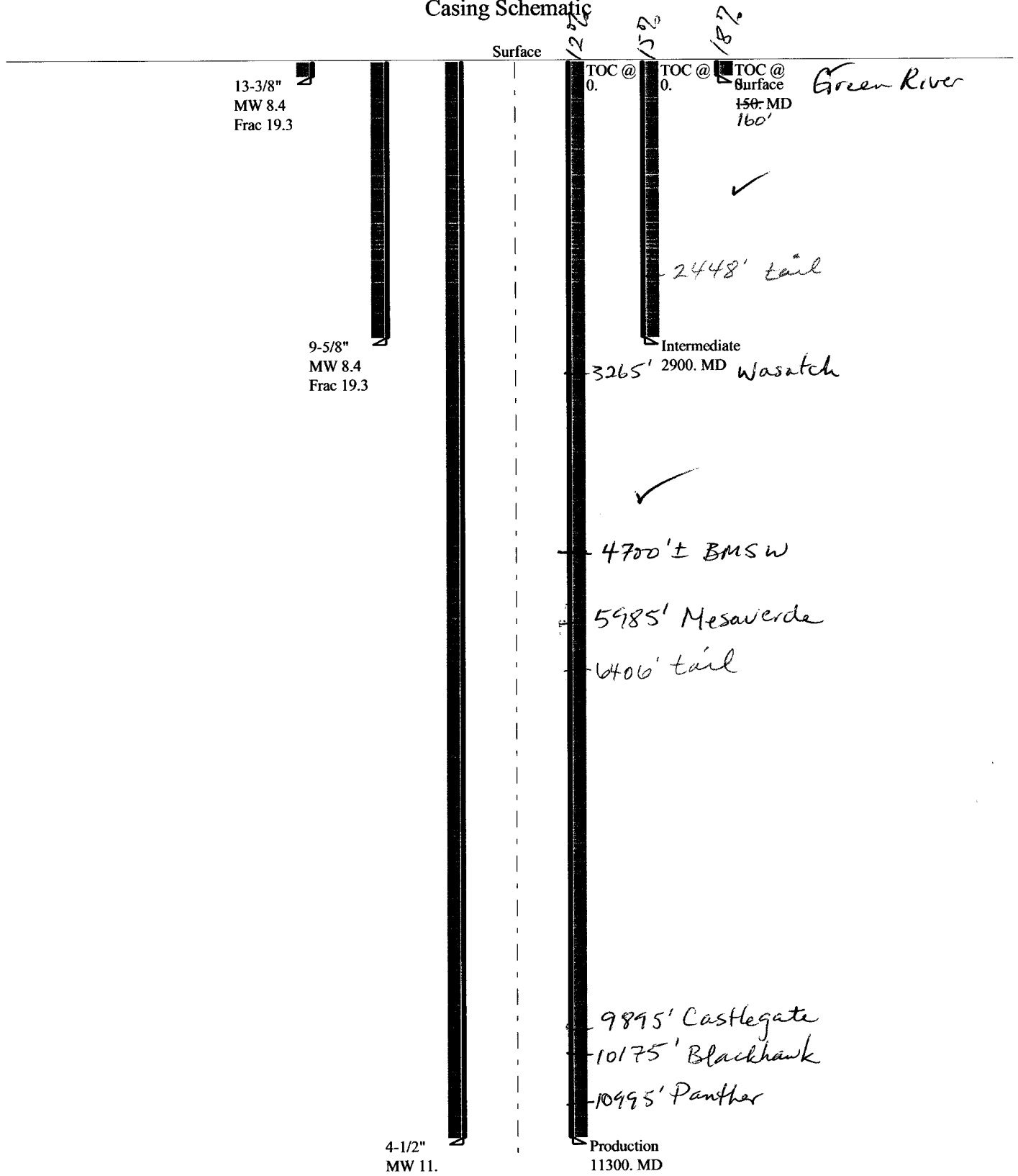
The predrill investigation of the surface was performed on February 11, 2008. Both the surface and the minerals are owned by S.I.T.L.A.. Jim Davis of S.I.T.L.A and Ben Williams of UDWR were notified and invited to participate in this presite. Both were in attendance. Shon Mckinnon represented Gasco Production Co..

Floyd Bartlett
Evaluator

3/11/2008
Date / Time

2008-04 Gasco Gate Cyn ST 12-21-11-15

Casing Schematic



Well name:	2008-04 Gasco Gate Cyn ST 12-21-11-15	
Operator:	Gasco Production Company	Project ID:
String type:	Surface	43-013-33858
Location:	Duchesne County, Utah	

Design parameters:
Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 67 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 150 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 141 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 160 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 140 ft

Non-directional string.
Re subsequent strings:

Next setting depth: 2,900 ft
Next mud weight: 8.400 ppg
Next setting BHP: 1,265 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 160 ft
Injection pressure: 160 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	160	13.375	48.00	H-40	ST&C	160	160	12.59	141.1

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	70	740	10.599	160	1730	10.81	7	322	47.80 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: (801) 538-5357
FAX: (801) 359-3940

Date: April 7, 2008
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 160 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	2008-04 Gasco Gate Cyn ST 12-21-11-15	
Operator:	Gasco Production Company	Project ID:
String type:	Intermediate	43-013-33858
Location:	Duchesne County, Utah	

Design parameters:
Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 106 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 2,262 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,900 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 2,539 ft

Non-directional string.
Re subsequent strings:

Next setting depth: 11,300 ft
Next mud weight: 11.000 ppg
Next setting BHP: 6,457 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,900 ft
Injection pressure: 2,900 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2900	9.625	36.00	J-55	ST&C	2900	2900	8.796	1258.7

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1265	2020	1.596	2900	3520	1.21	91	394	4.31 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: (801) 538-5357
FAX: (801) 359-3940

Date: April 7, 2008
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2900 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	2008-04 Gasco Gate Cyn ST 12-21-11-15		
Operator:	Gasco Production Company		
String type:	Production	Project ID:	43-013-33858
Location:	Duchesne County, Utah		

Design parameters:
Collapse

Mud weight: 11.000 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 223 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 3,971 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 6,457 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.
Neutral point: 9,465 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	11300	4.5	13.50	P-110	LT&C	11300	11300	3.795	947.1

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	6457	10680	1.654	6457	12410	1.92	128	338	2.65 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Minerals

Phone: (801) 538-5357
FAX: (801) 359-3940

Date: April 7, 2008
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 11300 ft, a mud weight of 11 ppg. The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

BOPE REVIEW

Gasco Gate Canyon ST 12-21-11-15 API 43-013-33858

INPUT

Well Name

Casing Size (")

Setting Depth (TVD)

Previous Shoe Setting Depth (TVD)

Max Mud Weight (ppg)

BOPE Proposed (psi)

Casing Internal Yield (psi)

Operators Max Anticipated Pressure (psi)

Gasco Gate Canyon ST 12-21-11-15 API 43-013-33858			
String 1	String 2		
8 5/8	4 1/2		
2900	11300		
160	2900		
8.4	11.2	✓	
10000	10000		
3130	12410		
6463	11.0 ppg	✓	

Calculations

String 1 8 5/8 "

Max BHP [psi]

.052*Setting Depth*MW = 1267

BOPE Adequate For Drilling And Setting Casing at Depth?

MASP (Gas) [psi]

Max BHP-(0.12*Setting Depth) = 919

YES ✓

MASP (Gas/Mud) [psi]

Max BHP-(0.22*Setting Depth) = 629

YES

Pressure At Previous Shoe

Max BHP-.22*(Setting Depth - Previous Shoe Depth) = 664

*Can Full Expected Pressure Be Held At Previous Shoe?

← NO No expected pressure

Required Casing/BOPE Test Pressure

2191 psi

*Max Pressure Allowed @ Previous Casing Shoe =

160 psi

*Assumes 1psi/ft frac gradient

Calculations

String 2 4 1/2 "

Max BHP [psi]

.052*Setting Depth*MW = 6581

BOPE Adequate For Drilling And Setting Casing at Depth?

MASP (Gas) [psi]

Max BHP-(0.12*Setting Depth) = 5225

YES ✓

MASP (Gas/Mud) [psi]

Max BHP-(0.22*Setting Depth) = 4095

YES

Pressure At Previous Shoe

Max BHP-.22*(Setting Depth - Previous Shoe Depth) = 4733

*Can Full Expected Pressure Be Held At Previous Shoe?

← NO Reasonable

Required Casing/BOPE Test Pressure

8687 psi

*Max Pressure Allowed @ Previous Casing Shoe =

2900 psi

*Assumes 1psi/ft frac gradient

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

December 5, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2007 Plan of Development Gate Canyon Unit,
Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2007 within the Gate Canyon Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
------	-----------	----------

(Proposed PZ Blackhawk)

43-013-33858 Gate Canyon State 12-21-11-15 Sec 21 T11S R15E 1793 FNL 0717 FWL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - Gate Canyon Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:12-5-07

From: Diana Mason
To: Brad Hill; Dustin Doucet
Date: 07/17/2008 2:22 PM
Subject: Fwd: Well Control

Do either of you know this?

>>> <VLLPermitco@aol.com> 7/17/2008 2:20 PM >>>
Diana,

Do you guys still need this info?

Venessa Langmacher

Permitco Inc.
P.O. Box 99
Eastlake, CO 80614
303/857-9999 ext. 11
303/450-9200 fax

From: cwilson@gascoenergy.com
To: VLLPermitco@aol.com, bwalker@gascoenergy.com
Sent: 7/17/2008 2:11:42 P.M. Mountain Daylight Time
Subj: RE: Well Control

Venessa,
Both these wells will have a single ram, mud cross, double ram and an annular. For both of these wells the BOP's will be 10K and the annular 5K. Let me know if you need anything else.

Chuck Wilson
Drilling Manager
Gasco Production Company
(O) 303-996-1801
(C) 720-530-1057
(e) cwilson@gascoenergy.com (<mailto:cwilson@gascoenergy.com>)

From: VLLPermitco@aol.com [<mailto:VLLPermitco@aol.com>]
Sent: Monday, April 07, 2008 11:21 AM
To: Beverly Walker; Chuck Wilson
Subject: Well Control

Bev/Chuck,

The state called regarding the Gate Canyon 12-21-11-15 and the Wilkin Ridge 43-36-10-17. They are wanting to know what the well control will be for the Intermediate Casing. Can you get me some verbiage and I will pass it on?

Thanks!

Venessa Langmacher

Permitco Inc.
14421 County Road 10
Fort Lupton, CO 80621
303/857-9999 ext. 11
303/857-0577 fax

Planning your summer road trip? Check out AOL Travel Guides
(<http://travel.aol.com/travel-guide/united-states?ncid=aoltrv00030000000016>) .

*****Get fantasy football with free live scoring. Sign up for
FanHouse Fantasy Football today.
(<http://www.fanhouse.com/fantasyaffair?ncid=aolspr00050000000020>)

From: Jim Davis
To: Mason, Diana
Date: 7/30/2008 4:03 PM
Subject: SITLA APD approval 7/30/08

CC: Bonner, Ed; Garrison, LaVonne
The following wells have been approved by SITLA including arch and paleo clearance.

Operator	Well Name	API #
Kerr McGEE	NBU 921-26M2AS	4304740113
Kerr McGEE	NBU 922-32O1T	4304740116
Kerr McGEE	NBU 922-29J	4304740119
ConocoPhillips	Utah 17-1174	4300731418
EOG Res	NBU 672-25E	4304750028
XTO Energy	St of Ut 16-8-32-23D	4301530741
XTO Energy	St of Ut 16-8-31-43D	4301530742
Gasco Prod	Gate Cyn St 12-21-11-15	4301333858
Gasco Prod	State 42-32-9-19	4304739795
National Fuel	NFC Lindisfarne St 43-35	4304739852
EOG Resources	NBU 642-13E	4304750013
EOG Resources	NBU 640-13E	4304750014
EOG Resources	NBU 663-24E	4304750010
EOG Resources	NBU 661-24E	4304750011
Kerr McGEE	NBU 921-34MT	4304739402
Kerr McGEE	NBU 1022-25H	4304739033
Kerr McGEE	State 1022-25I	4304739034
Westport O&G	State 921-32N	4304737957
Westport O&G	State 921-32O	4304737958
EOG Resources	NBU 638-13E	4304750016

-Jim Davis



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 31, 2008

Gasco Production Company
8 Inverness Drive East, Suite 100
Englewood, CO 80112

Re: Gate Canyon State 12-21-11-15 Well, 1793' FNL, 717' FWL, SW NW, Sec. 21,
T. 11 South, R. 15 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33858.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
SITLA
Bureau of Land Management, Vernal Office

Operator: Gasco Production Company
Well Name & Number Gate Canyon State 12-21-11-15
API Number: 43-013-33858
Lease: ML-49308

Location: SW NW Sec. 21 T. 11 South R. 15 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at: (801) 538-5338 office (801) 942-0871 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49308
2. NAME OF OPERATOR: Gasco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: 8 Inverness Dr E, Ste 100 CITY Englewood STATE Co ZIP 80112		7. UNIT or CA AGREEMENT NAME: Gate Canyon
PHONE NUMBER: (303) 483-0044		8. WELL NAME and NUMBER: Gate Canyon State 12-21-11-15
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1793' FNL & 717' FWL		9. API NUMBER: 4301333858
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 21 11 15		10. FIELD AND POOL, OR WILDCAT: Gate Canyon
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Extend Permit
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Gasco Production Company would like to request a one year extension on this APD from the date it is due to expire (7/31/09)

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 08-24-09
By: [Signature]

COPY SENT TO OPERATOR

Date: 8.25.2009
Initials: KS

NAME (PLEASE PRINT) Jessica Berg

TITLE Production Clerk

SIGNATURE [Signature]

DATE 8/19/2009

(This space for State use only)

RECEIVED

AUG 24 2009

DIV. OF OIL, GAS & MINING

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4301333858
Well Name: Gate Canyon State 12-21-11-15
Location: SW NW Section 21-T11S-R18E
Company Permit Issued to: Gasco Production Company
Date Original Permit Issued: 7/31/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

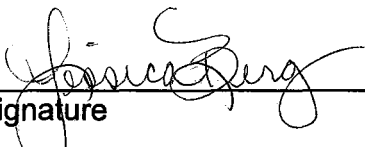
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐



Signature

8/19/2009

Date

Title: Production Clerk

Representing: Gasco Production Company

RECEIVED
AUG 24 2009
DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49308
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: GASCO PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GATE CANYON
3. ADDRESS OF OPERATOR: 8 Inverness Dr. East, Suite 100 , Englewood, CO, 80112		8. WELL NAME and NUMBER: GATE CYN ST 12-21-11-15
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1793 FNL 0717 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 21 Township: 11.0S Range: 15.0E Meridian: S		9. API NUMBER: 43013338580000
PHONE NUMBER: 303 483-0044 Ext		9. FIELD and POOL or WILDCAT: GATE CANYON
		COUNTY: DUCHESNE
		STATE: UTAH

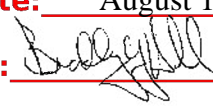
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/31/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: August 11, 2010

By: 

NAME (PLEASE PRINT) Roger Knight	PHONE NUMBER 303 996-1803	TITLE EHS Supervisor
SIGNATURE N/A		DATE 8/11/2010



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013338580000

API: 43013338580000

Well Name: GATE CYN ST 12-21-11-15

Location: 1793 FNL 0717 FWL QTR SWNW SEC 21 TWP 110S RNG 150E MER S

Company Permit Issued to: GASCO PRODUCTION COMPANY

Date Original Permit Issued: 7/31/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Roger Knight

Date: 8/11/2010

Title: EHS Supervisor **Representing:** GASCO PRODUCTION COMPANY

Date: August 11, 2010

By:

RECEIVED August 11, 2010



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

August 4, 2011

Gasco Production Company
8 Inverness Drive East, Suite 100
Englewood, CO 80112

Re: APD Rescinded – Gate Canyon St 12-21-11-15, Sec. 21 T. 11S, R. 15E
Duchesne County, Utah API No. 43-013-33858

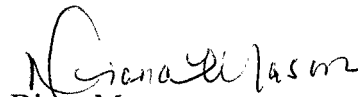
Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on July 31, 2008. On August 24, 2009 and August 11, 2010, the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective August 4, 2011.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,


Diana Mason
Environmental Scientist

cc: Well File
SITLA, Ed Bonner

